WHAT IS CLAIMED IS:

Sub B'

1. A method of jetting liquid droplets, comprising the steps of:

providing a liquid jetting head which includes: a plurality of nozzle orifices; a plurality of pressure generation chambers associated with the nozzle orifices; and a plurality of piezoelectric vibrators for respectively varying the volume of the associated pressure generation chamber to jet a liquid droplet from the associated nozzle orifice;

providing ID data for identifying the respective nozzle orifices;

providing correction data for correcting the amount of liquid jetted from the identified nozzle orifice;

adjusting a displacement behavior of a piezoelectric vibrator associated with the identified nozzle orifice, based on the correction data.

2. The liquid jetting method as set forth in claim 1, further comprising the steps of:

providing a plurality of drive signals for driving the piezoelectric vibrators to jet liquid droplets from the nozzle orifices, the drive signals respectively having different liquid jetting energy from each other;

selecting at least one drive signal within a single jetting cycle of the jetting head; and

applying the selected drive signal to the piezoelectric vibrators.

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3. A method of jetting liquid droplets, comprising the steps of:

providing a liquid jetting head which includes: a plurality of nozzle

orifices; a plurality of pressure generation chambers associated with the nozzle orifices; and a plurality of piezoelectric vibrators for respectively varying the volume of the associated pressure generation chamber to jet a liquid droplet from the associated nozzle orifice;

setting a single jetting cycle as a period in which N drive signals are applicable to the piezoelectric vibrators to jet liquid droplets from the nozzle orifices, N being an integer;

providing ID data for identifying the respective nozzle orifices;

providing correction data for correcting the amount of liquid jetted from the identified nozzle orifice;

selecting M drive signals from the N drive signals based on the correction data, M being an integer which is equal to or less than N; and

applying the M drive signals to the piezoelectric vibrators within the single jetting cycle.

4. The liquid jetting method as set forth in claim 3, wherein the selected drive signals are applied at different intervals within the single jetting cycle.

5. The liquid jetting method as set forth in claim 4, wherein the intervals are determined such that a phase of residual vibration of a meniscus of the liquid in the nozzle orifice due to jetting by a preceding drive signal.

6. A liquid jetting apparatus, comprising:

a liquid jetting head including: a plurality of nozzle orifices; a plurality of pressure generation chambers associated with the nozzle orifices; and a

plurality of piezoelectric vibrators for respectively varying the volume of the associated pressure generation chamber to jet a liquid droplet from the associated nozzle orifice;

a drive signal generator, for generating a plurality of drive signals, respectively driving the piezoelectric vibrators, within a single jetting cycle of the liquid jetting head;

an ID data storage, for storing ID data which identifies the respective nozzle orifices;

a correction data storage, for storing correction data which corrects the amount of liquid jetted from the identified nozzle orifice; and

a drive signal supplier, for selecting at least one drive signal from the plural drive signals to adjust a displacement behavior of a piezoelectric vibrator associated with the identified nozzle orifice, based on the correction data.

7. The liquid jetting apparatus as set forth in claim 6, wherein the drive signal supplier selects at least two drive signals from the plural drive signals.

8. A liquid jetting apparatus, comprising:

a liquid jetting head including: a plurality of nozzle orifices; a plurality of pressure generation chambers associated with the nozzle orifices; and a plurality of piezoelectric vibrators for respectively varying the volume of the associated pressure generation chamber to jet a liquid droplet from the associated nozzle orifice;

at least one drive signal generator, for generating N drive signals, respectively driving the piezoelectric vibrators, within a single jetting cycle of

the liquid jetting head, N being an integer which is not less than 3;

an ID data storage, for storing ID data which identifies the respective nozzle orifices;

a correction data storage, for storing correction data which corrects the amount of liquid jetted from the identified nozzle orifice; and

a drive signal supplier, for identifying a nozzle orifice in which the jetting amount is to be corrected, through use of the ID data, and selecting M drive signals from the N drive signals to adjust a displacement behavior of a piezoelectric vibrator associated with the identified nozzle orifice, based on the correction data, M being an integer which is equal to or less than N.

9. The liquid jetting apparatus as set forth in claim 8, wherein the selected drive signals are applied at different intervals within the single jetting cycle.

10. The liquid jetting apparatus as set forth in claim 8, wherein the single jetting cycle is determined as a period which is enough to substantially damp residual vibration of a meniscus of the liquid in the nozzle orifice due to jetting by the last drive signal within the single jetting cycle.

11. The liquid jetting apparatus as set forth in claim 8, wherein a plurality of drive signal generators are provided such that different drive signals are generated from the respective drive signal generators.

12. The liquid jetting method as set forth in claim 2, wherein volume differences among the liquid droplets ejected by the respective drive signals can be divided by a volume of a liquid droplet which is the minimum volume jetted by one single drive signal.

13. The liquid jetting method as set forth in claim 1, further comprising the step of identifying a nozzle orifice in which the jetting amount is to be corrected, through use of the ID data.

14. The liquid jetting method as set forth in claim 3, further comprising the step of identifying a nozzle orifice in which the jetting amount is to be corrected, through use of the ID data.

15. The liquid jetting apparatus as set forth in claim 6, wherein the drive signal supplier identifies a nozzle orifice in which the jetting amount is to be corrected, through use of the ID data.